ABSTRACT OF THE DISCLOSURE:

An improved restraint system for a vehicle comprises a weight-sensing unit mounted to one or more seats for sensing the weight of a sitting occupant, a computerized system for calculating an operating weight value corresponding to that weight, and an airbag system comprising one or more airbags and a deployment unit, the deployment unit configured to inflate the airbags with a deployment force and acceleration proportionate to the operating weight value when a sufficient collision force is sensed by a collision sensor.